

**CLAIMS:**

*Subj 1*

1. A method for managing objects for at least one user, comprising:
  - 3 (a) providing a set of attributes;
  - 4 (b) providing a set of containers, each associated with  
5 attributes from among said set;
  - 6 (c) providing user interface for dynamically assigning  
7 attributes to said objects;
  - 8 (d) selectively displaying, through a user interface, at  
9 least one container; an object is displayed in said  
10 container if a condition is met; the condition is  
11 applied to at least the following: at least one of the  
12 attributes of the container and at least one of the  
13 attribute of the object.
1. 2. The method according to Claim 1, wherein said  
2 assigning, stipulated in step (c), includes mapping an  
3 object to at least one container and inheriting attributes  
4 thereof.
1. 3. The method according to Claim 1, wherein at least  
2 one of said containers is associated, each, with at least  
3 one essential attribute; said condition includes a  
4 sub-condition that is met if the attributes of said  
5 objects contain said essential attributes.
1. 4. The method of Claim 1, further adapted to share  
2 objects among community of users; each user is associated  
3 with a respective set of attributes such that at least one  
4 attribute is common to at least two of said users; the  
5 method further comprising executing the following steps  
6 for each user in the community:
  - 7 (a) providing a user replica that includes objects that  
8 are assigned, each, with at least one attribute;
  - 9 (b) providing a set of containers associated, each,  
10 with attributes from among said set;

11           (c) providing a user interface for generating an update  
 12           in said replica;  
 13           (d) submitting the update stipulated in step c to the  
 14           replicas of selected users;  
 15           (e) receiving at least one update from at least one user  
 16           in the community and update said user replica with the  
 17           so received update; and  
 18           (f) selectively displaying, through a user interface, at  
 19           least one container; an object from the replica is  
 20           displayed in said container if a condition is met; the  
 21           condition is applied to at least the following: at  
 22           least one of the attributes of the container and at  
 23           least one of the attribute of the object.

1       5. The method according to Claim 1, wherein said user  
 2       interface includes a tree of containers.

1       6. The method of Claim 5, wherein said condition  
 2       further includes a sub-condition: an object is displayed  
 3       in the container only if it is not displayed in a  
 4       sub-container thereof.

1       7. The method according to Claims 5, wherein said tree  
 2       being Microsoft™ File Explorer like, and wherein said  
 3       containers being folders.

1       8. The method according to Claim 2, wherein said mapping,  
 2       includes drag-and-dropping said object to said at least one  
 3       container.

1       9. The method according to Claim 1,  
 2       wherein selected objects being, each, a URL bookmark of a  
 3       web site.

1       10. The method according to claim 1, wherein selected  
 2       objects being, each, a file.

1       11. The method according to claim 4, further comprising  
 2       the step of:

3           categorizing selected objects as private; encrypting  
 4           said objects with a user unique key.

1       12. The method according to claim 4, wherein selected  
2       containers in at least one of said user replicas are  
3       assigned each with a private attribute; any object so  
4       assigned to a container from among said containers is  
5       encrypted using a unique key.

1       13. The method according to Claim 1, wherein at least  
2       one of said objects further contains object-related-data  
3       selectively displayed in said user interface.

1       14. The method according to Claim 1, further comprising  
2       the following step: applying at least one of the following  
3       to said set of attributes: adding at least one attribute,  
4       deleting at least one attribute and updating at least one  
5       attribute.

1       15. A method for sharing objects among community of  
2       users; each user is associated with a respective set of  
3       attributes such that at least one attribute is common to  
4       at least two of said users; the method comprising  
5       executing the following steps for each user in the  
6       community:  
7           (a) providing a user replica that includes objects that  
8            are assigned, each, with at least one attribute;  
9           (b) providing a set of containers associated, each,  
10           with attributes from among said set;  
11           (c) providing a user interface for generating an update  
12            in said replica;  
13           (d) submitting the update stipulated in step c to the  
14            replicas of selected users;  
15           (e) receiving at least one update from at least one user  
16            in the community and update said user replica with the  
17            so received update; and  
18           (f) selectively displaying, through a user interface, at  
19            least one container; an object from the replica is  
20            displayed in said container if a condition is met; the  
21            condition is applied to at least the following: at

22                   least one of the attributes of the container and at  
 23                   least one of the attribute of the object.

*Sub C6*

1                   16. The method according to Claim 15, wherein the set of  
 2                   attributes associated with each user forms part of the  
 3                   user replica.

1                   17. The method according to Claim 15, wherein said  
 2                   update includes assigning attributes to said objects.

1                   18. The method according to Claim 15, wherein said  
 2                   update includes updating an object

*Sub D0*

1                   19. The method according to Claim 16, wherein said update  
 2                   includes updating at least one attribute in said  
 3                   set; said updating of attribute is selected from the group  
 4                   that includes: adding an attribute, deleting an attribute,  
 5                   editing an attribute, change status of attribute from  
 6                   Global to Local or vice versa, joining two or more  
 7                   attributes into a single attribute.

1                   20. The method according to Claim 4, wherein the set of  
 2                   attributes associated with each user forms part of the  
 3                   user replica.

1                   21. The method according to Claim 4, wherein said update  
 2                   includes assigning attributes to said objects.

1                   22. The method according to Claim 15, wherein said user  
 2                   interface includes a tree of containers.

1                   23. The method of Claim 22, wherein said condition  
 2                   further includes a sub-condition: an object is displayed  
 3                   in the container only if it is not displayed in a  
 4                   sub-container thereof.

*Sub B*

1                   24. The method according to Claims 22, wherein said tree  
 2                   being Microsoft™ File Explorer like, and wherein said  
 3                   containers being folders.

*Sub 10*

1                   25. The method according to Claim 15, wherein selected  
 2                   objects being, each, a URL bookmark of a web site.

1                   26. The method according to claim 15, wherein selected  
 2                   objects being, each, a file.

1       **27.** The method according to Claim 15, wherein at least  
2       one of said objects further contains object-related-data  
3       selectively displayed in said user interface.

1       **28.** A system for managing objects for at least one user,  
2       comprising a processor and associated memory and display  
3       configured to perform the operations that include:

- 4       (a) providing a set of attributes;
- 5       (b) providing a set of containers, each associated with  
6       attributes from among said set;
- 7       (c) providing user interface for dynamically assigning  
8       attributes to said objects;
- 9       (d) selectively displaying, through a user interface, at  
10      least one container; an object is displayed in said  
11      container if a condition is met; the condition is  
12      applied to at least the following: at least one of the  
13      attributes of the container and at least one of the  
14      attribute of the object.

1       **29.** A system for sharing objects among community of  
2       users; the system includes at least one server  
3       communicating through a network with users, each being  
4       associated with a processor and associated memory and  
5       display that includes a respective set of attributes such  
6       that at least one attribute is common to at least two of  
7       said users, the respective processor and associated memory  
8       and display are configured to executing the following  
9       steps that includes:

- 10      (a) providing a user replica that includes objects that  
11      are assigned, each, with at least one attribute;
- 12      (b) providing a set of containers associated, each,  
13      with attributes from among said set;
- 14      (c) providing a user interface for generating an update  
15      in said replica;

16           (d) submitting through said at least one server the  
17        update stipulated in step c to the replicas of selected  
18        users;  
19           (e) receiving through said at least one server at least  
20        one update from at least one user in the community and  
21        update said user replica with the so received update;  
22        and  
23           (f) selectively displaying, through a user interface, at  
24        least one container; an object from the replica is  
25        displayed in said container if a condition is met; the  
26        condition is applied to at least the following: at  
27        least one of the attributes of the container and at  
28        least one of the attribute of the object.

1           30. A program storage device readable by machine,  
2        tangibly embodying a program of instructions executable by  
3        the machine to perform method steps for managing objects  
4        for at least one user, comprising:

5           (a) providing a set of attributes;  
6           (b) providing a set of containers, each associated with  
7        attributes from among said set;  
8           (c) providing user interface for dynamically assigning  
9        attributes to said objects;  
10          (d) selectively displaying, through a user interface, at  
11        least one container; an object is displayed in said  
12        container if a condition is met; the condition is  
13        applied to at least the following: at least one of the  
14        attributes of the container and at least one of the  
15        attribute of the object.

1           31. A computer program product comprising a computer  
2        useable medium having computer readable program code  
3        embodied therein for managing objects for at least one  
4        user, the computer program product comprising:

5           computer readable program code for causing the  
6        computer to provide a set of attributes;

7 computer readable program code for causing the  
8 computer to providing a set of containers, each  
9 associated with attributes from among said set;  
10 computer readable program code for causing the  
11 computer to provide user interface for dynamically  
12 assigning attributes to said objects;  
13 computer readable program code for causing the  
14 computer to selectively displaying, through a user  
15 interface, at least one container; an object is displayed  
16 in said container if a condition is met; the condition is  
17 applied to at least the following: at least one of the  
18 attributes of the container and at least one of the  
19 attributes of the object.

QD  
G  
E  
N  
E  
R  
A  
T  
I  
O  
N  
S  
-

Add 823